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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/060,990

DATE: 02/22/2002  
 TIME: 16:10:17

Input Set : F:\pto\_PB0176.txt  
 Output Set: N:\CRF3\02222002\J060990.raw

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1 <110> APPLICANT: Gu, Yizhong
2      Nguyen, Cung-Tuong
4 <120> TITLE OF INVENTION: HUMAN RALGDS-LIKE PROTEIN 3
6 <130> FILE REFERENCE: PB0176
C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/060,990
C--> 8 <141> CURRENT FILING DATE: 2002-01-30
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33 <151> PRIOR FILING DATE: 2001-05-23
35 <150> PRIOR APPLICATION NUMBER: US 60/326,105
36 <151> PRIOR FILING DATE: 2001-09-28
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44 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
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50 cggcagcgca gtcagcgag gagcccgcg gaggggccccg ggggcagcca ggctcccagc 180
51 cccattgcca ataccttccct ccactatcga accagcaagg tgagggtgct gagggcagcg 240
52 cgcctggagc ggctggtggg agagttggtg tttggagacc gtgagcagga cccagcttc 300
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56 caggaccacc ctcaggattt ccgagaccac cctgcccatt cggacctggg cagtgtccga 540
57 acctttctg gctgggcggc cccaggaggt gctgaggctc aaaaagcaga gaagcttctg 600

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60 gaggaagggc tcatgcctca aggtcccccag ctccctggact tcagcgtgga cgaggtggcc 780
61 gagcagctga ccctcataga cttggagctc ttctccaagg tgaggctcta cgagtgttg 840
62 ggctccgtgt ggtcgcagag ggaccggccg ggggctgcag gcgcctcccc cactgtgcgc 900
63 gccaccgtgg ccagttcaa caccgtgacc ggctgtgtgc tgggttccgt gctcggagca 960
64 cggggcttgg ccgccccgca gaggggcgag cggctggaga agtggatccg catcgcccag 1020
65 cgctgccgag aactgcggaa cttctcctcc ttgcgcgcca tccgtgccg cctgcaatct 1080
66 aaccccatct accggtcaa gcgcagctgg ggggcagtga gccgggaacc gctatctact 1140
67 ttcaggaaac ttctgcagat ttctccgat gagaacaacc acctcagcag cagagagatt 1200
68 cttttccagg aggaggccac tgagggatoc caagaagagg acaacacccc aggcagcctg 1260
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87 acatcagccc atgggtggt ggtggagagc tcaatcccat aaatgtagaa agagggtggg 2400
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94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 2
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105 gaccacctg cccattcgga cctgggcagt gtccgaacct ttctgggctg ggcggcccca 540
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107 cgagagcagg aagaggagcc gcctcagggt tggacaggac ctcccagagt tgcccaaact 660
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111 cggccggggg ctgcaggcgc ctcccccaact gtgcgcgcca ccgtggccca gttcaacacc 900
112 gtgaccgget gtgtgctggg ttccgtgctc ggagcaccgg gcttggccgc cccgcagagg 960
113 gcgcagcggc tggagaagtg gatccgcacg gccagcgct gccgagaact gcggaacttc 1020
114 tcttccttgc gcgccatcct gtccgccctg caatctaacc ccatctaccg gctcaagcgc 1080
115 agctgggggg cagtgaagccg ggaaccgcta tctactttca ggaaactttc gcagattttc 1140
116 tccgatgaga acaaccacct cagcagcaga gagattcttt tccaggagga ggccactgag 1200
117 ggatcccaag aagaggacaa caccgccaggc agcctgccct caaaaccacc cccaggccct 1260
118 gtcccctacc ttggcacctt ccttacggac ctggttatgc tggacacagc cctgccggat 1320
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121 ctggctgccc tgcattgccc gaaccagctc accgaggagc agagctaccg gctctcccgc 1500
122 gtcattgagc caccagctgc ctctgcccc agctccccc gcattccgac gcggatcagc 1560
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129 cccagcgtgg tccggcgagc ctgtcagaag cacaatgtgc cccagccctg ggctgtgac 1980
130 tatcagctct ttcaagtcct tctgggggac cgggtgctcc tgattcctga caatgccaac 2040
131 gtcttctatg ccatgagtc agtcgcccc agagacttca tgctgcggcg gaaagagggg 2100
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134 &lt;210&gt; SEQ ID NO: 3

135 &lt;211&gt; LENGTH: 710

136 &lt;212&gt; TYPE: PRT

137 &lt;213&gt; ORGANISM: Homo sapiens

139 &lt;400&gt; SEQUENCE: 3

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143 Trp Gly Glu Glu Thr Glu Asp Gly Ala Val Tyr Ser Val Ser Leu Arg
144 20 25 30
146 Arg Gln Arg Ser Gln Arg Arg Ser Pro Ala Glu Gly Pro Gly Gly Ser
147 35 40 45
149 Gln Ala Pro Ser Pro Ile Ala Asn Thr Phe Leu His Tyr Arg Thr Ser
150 50 55 60
152 Lys Val Arg Val Leu Arg Ala Ala Arg Leu Glu Arg Leu Val Gly Glu
153 65 70 75 80
155 Leu Val Phe Gly Asp Arg Glu Gln Asp Pro Ser Phe Met Pro Ala Phe
156 85 90 95
158 Leu Ala Thr Tyr Arg Thr Phe Val Pro Thr Ala Cys Leu Leu Gly Phe
159 100 105 110
161 Leu Leu Pro Pro Met Pro Pro Pro Pro Pro Gly Val Glu Ile Lys
162 115 120 125
164 Lys Thr Ala Val Gln Asp Leu Ser Phe Asn Lys Asn Leu Arg Ala Val
165 130 135 140
167 Val Ser Val Leu Gly Ser Trp Leu Gln Asp His Pro Gln Asp Phe Arg
168 145 150 155 160

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173 Trp Ala Ala Pro Gly Ser Ala Glu Ala Gln Lys Ala Glu Lys Leu Leu
174                               180                               185                               190
176 Glu Asp Phe Leu Glu Glu Ala Glu Arg Glu Gln Glu Glu Pro Pro
177                               195                               200                               205
179 Gln Val Trp Thr Gly Pro Pro Arg Val Ala Gln Thr Ser Asp Pro Asp
180                               210                               215                               220
182 Ser Ser Glu Ala Cys Ala Glu Glu Glu Glu Gly Leu Met Pro Gln Gly
183 225                               230                               235                               240
185 Pro Gln Leu Leu Asp Phe Ser Val Asp Glu Val Ala Glu Gln Leu Thr
186                               245                               250                               255
188 Leu Ile Asp Leu Glu Leu Phe Ser Lys Val Arg Leu Tyr Glu Cys Leu
189                               260                               265                               270
191 Gly Ser Val Trp Ser Gln Arg Asp Arg Pro Gly Ala Ala Gly Ala Ser
192                               275                               280                               285
194 Pro Thr Val Arg Ala Thr Val Ala Gln Phe Asn Thr Val Thr Gly Cys
195                               290                               295                               300
197 Val Leu Gly Ser Val Leu Gly Ala Pro Gly Leu Ala Ala Pro Gln Arg
198 305                               310                               315                               320
200 Ala Gln Arg Leu Glu Lys Trp Ile Arg Ile Ala Gln Arg Cys Arg Glu
201                               325                               330                               335
203 Leu Arg Asn Phe Ser Ser Leu Arg Ala Ile Leu Ser Ala Leu Gln Ser
204                               340                               345                               350
206 Asn Pro Ile Tyr Arg Leu Lys Arg Ser Trp Gly Ala Val Ser Arg Glu
207                               355                               360                               365
209 Pro Leu Ser Thr Phe Arg Lys Leu Ser Gln Ile Phe Ser Asp Glu Asn
210                               370                               375                               380
212 Asn His Leu Ser Ser Arg Glu Ile Leu Phe Gln Glu Glu Ala Thr Glu
213 385                               390                               395                               400
215 Gly Ser Gln Glu Glu Asp Asn Thr Pro Gly Ser Leu Pro Ser Lys Pro
216                               405                               410                               415
218 Pro Pro Gly Pro Val Pro Tyr Leu Gly Thr Phe Leu Thr Asp Leu Val
219                               420                               425                               430
221 Met Leu Asp Thr Ala Leu Pro Asp Met Leu Glu Gly Asp Leu Ile Asn
222                               435                               440                               445
224 Phe Glu Lys Arg Arg Lys Glu Trp Glu Ile Leu Ala Arg Ile Gln Gln
225                               450                               455                               460
227 Leu Gln Arg Arg Cys Gln Ser Tyr Thr Leu Ser Pro His Pro Pro Ile
228 465                               470                               475                               480
230 Leu Ala Ala Leu His Ala Gln Asn Gln Leu Thr Glu Glu Gln Ser Tyr
231                               485                               490                               495
233 Arg Leu Ser Arg Val Ile Glu Pro Pro Ala Ala Ser Cys Pro Ser Ser
234                               500                               505                               510
236 Pro Arg Ile Arg Arg Arg Ile Ser Leu Thr Lys Arg Leu Ser Ala Lys
237                               515                               520                               525
239 Leu Ala Arg Glu Lys Ser Ser Ser Pro Ser Gly Ser Pro Gly Asp Pro
240                               530                               535                               540
242 Ser Ser Pro Thr Ser Ser Val Ser Pro Gly Ser Pro Pro Ser Ser Pro

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243 545          550          555          560
245 Arg Ser Arg Asp Ala Pro Ala Gly Ser Pro Pro Ala Ser Pro Gly Pro
246          565          570          575
248 Gln Gly Pro Ser Thr Lys Leu Pro Leu Ser Leu Asp Leu Pro Ser Pro
249          580          585          590
251 Arg Pro Phe Ala Leu Pro Leu Gly Ser Pro Arg Ile Pro Leu Pro Ala
252          595          600          605
254 Gln Gln Ser Ser Glu Ala Arg Val Ile Arg Val Ser Ile Asp Asn Asp
255          610          615          620
257 His Gly Asn Leu Tyr Arg Ser Ile Leu Leu Thr Ser Gln Asp Lys Ala
258 625          630          635          640
260 Pro Ser Val Val Arg Arg Ala Leu Gln Lys His Asn Val Pro Gln Pro
261          645          650          655
263 Trp Ala Cys Asp Tyr Gln Leu Phe Gln Val Leu Pro Gly Asp Arg Val
264          660          665          670
266 Leu Leu Ile Pro Asp Asn Ala Asn Val Phe Tyr Ala Met Ser Pro Val
267          675          680          685
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273 705          710
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277 <212> TYPE: DNA
278 <213> ORGANISM: Homo sapiens
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284 <211> LENGTH: 20
285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 5
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292 Ile Ala Gln Arg
293          20
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296 <211> LENGTH: 57
297 <212> TYPE: DNA
298 <213> ORGANISM: Homo sapiens
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304 <211> LENGTH: 114
305 <212> TYPE: DNA
306 <213> ORGANISM: Homo sapiens
308 <400> SEQUENCE: 7
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VERIFICATION SUMMARY

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L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date